

VIA HAND DELIVERY
PATENT
36856.1157

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	
Akihiro OCHII et al.	
Serial No.: Currently unknown	
Filing Date: Concurrently herewith	
For: MULTIPLEXER	

INFORMATION DISCLOSURE STATEMENT

U.S. Patent and Trademark Office

2011 South Clark Place

Customer Window, Mail Stop PATENT APPLICATION

Crystal Plaza Two, Lobby, Room 1B03

Arlington, VA 22202

Sir:

In accordance with 37 CFR §1.56, and in recognition of their duty to disclose to the United States Patent and Trademark Office relevant information known to be material to patentability, Applicants herewith submit copies of the prior art listed on the attached Information Disclosure Statement (Form PTO-1449), including an English abstract. The statement is not a representation that all of the information cited is necessarily effective as prior art against the application.

Applicants respectfully request that the disclosed references be made of record in the subject application.

Respectfully submitted,

Date: November 24, 2003


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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **1** of **1***Complete if Known*

Application Number	
Filing Date	
First Named Inventor	Akihiro OCHI
Art Unit	
Examiner Name	
Attorney Docket Number	36856.1157

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US2003/0124984	07/2003		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number-Kind Code ⁵ (if known)	Publication Date MM -YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	2	JP 2000-165288	06/2000	JAPAN		X
	3	JP 2003-115736	04/2003	JAPAN		X
	4	JP 2003-198309	07/2003	JAPAN		

Examiner Signature		Date Considered	
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*Examiner: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

¹ Applicant unique citation designation number (optional). ² See Kind Codes of USPTO Patent documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Abstract is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.